

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTY DOCKET NO.

7853-178

APPLICATION NO

09/503,387

APPLICANT

Busfield et al.

FILING DATE

February 14, 2000

GROUP

1656

1644

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Pat	CU	5,854,005	12/29/98	Coller			
Pat	CV	5,976,532	11/2/99	Coller et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
Pat	CW	WO 00/68377	11/16/00	PCT				
Pat	CK	WO 95/11259	4/27/95	PCT				

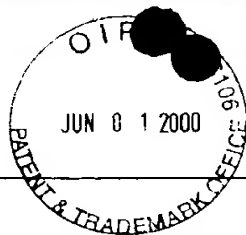
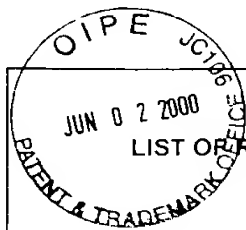
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

Pat	CY	Coller et al., 1985, "A new murine monoclonal antibody reports an activation-dependent change in the conformation and/or microenvironment of the platelet glycoprotein IIb/IIIa complex", J Clin Invest. 76(1):101-8.						
	CZ	Ezumi et al., 2000, "Molecular cloning, genomic structure, chromosomal localization, and alternative splice forms of the platelet collagen receptor glycoprotein VI", Biochem Biophys Res Commun 277(1): 27-36						
	DA	Fan et al., 1987, "Structure of the inhibitory receptor for human natural killer cells resembles haematopoietic receptors" Nature. 389(6646):96-100.						
	DB	Jandrot-Perrus et al., 2000, "Cloning, characterization, and functional studies of human and mouse glycoprotein VI: a platelet-specific collagen receptor from the immunoglobulin superfamily", Blood 96(5): 1798-1807						
	DC	Lefkovits et al., 1995, "Platelet glycoprotein IIb/IIIa receptors in cardiovascular medicine" N Engl J Med. 332(23):1553-9						
	DD	Miura et al., 2000, "Cloning and expression of the platelet-specific collagen receptor glycoprotein VI", Thromb Res.98(4):301-9.						
	DE	<u>www.ncbi.nlm.nih.gov</u> Genbank Accession No. AB035073 "Homo sapiens mRNA for platelet glycoprotein VI, complete cds" (Miura, Y.) Jan 2000						
	DF	<u>www.ncbi.nlm.nih.gov</u> Genbank Accession No. AB43819 "Homo sapiens GPVI mRNA for platelet glycoprotein VI-1, complete cds", (Ezumi and Takayama) Nov 2000						
	DG	<u>www.ncbi.nlm.nih.gov</u> Genbank Accession No. AB43820 "Homo sapiens GPVI mRNA for platelet glycoprotein VI-2, complete cds", (Ezumi and Takayama) Nov 2000						
	DH	<u>www.ncbi.nlm.nih.gov</u> Genbank Accession No. AB043821 "Homo sapiens GPVI mRNA for platelet glycoprotein VI-3, complete cds" (Ezumi and Takayama) Nov 2000						
	DI	<u>www.ncbi.nlm.nih.gov</u> Genbank Accession No. AB043943 "Homo sapiens GPVI gene for platelet glycoprotein VI, partial cds", (Ezumi and Takayama) Nov 2000						
	DJ	<u>www.ncbi.nlm.nih.gov</u> Genbank Accession No. AX046772 "Sequence 1 from Patent WO 00/68377" (Clemetson, K.J.)						
✓	DK	<u>www.ncbi.nlm.nih.gov</u> Genbank Accession No. NM_016363 "Homo sapiens platelet glycoprotein VI (GPVI), mRNA" (Ezumi et al.)						

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTY DOCKET NO

7853-178

APPLICATION NO

09/503,387

APPLICANT

Busfield et al.

FILING DATE

February 14, 2000

GROUP

1646

1644

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
TJ	AA	5,459,039	10/17/95	Modrich et al.			
J	AB	5,272,057	12/21/93	Smulson et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AC	WO 99/11662	03/11/99	PCT				

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AD	Adams MD et al., "Initial assessment of human gene diversity and expression patterns based upon 83 million nucleotides of cDNA sequence", Nature. 1995 Sep 28;377(6547 Suppl):3-174.
	AE	Altschul SF et al., "Basic local alignment search tool", J Mol Biol. 1990 Oct 5;215(3):403-10.
	AF	Altschul SF et al., "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs", Nucleic Acids Res. 1997 Sep 1;25(17):3389-402.
	AG	Arai M et al., "Platelets with 10% of the normal amount of glycoprotein VI have an impaired response to collagen that results in a mild bleeding tendency", Br J Haematol. 1995 Jan;89(1):124-30.
	AH	Asselin J et al., "Monomeric (glycine-proline-hydroxyproline)10 repeat sequence is a partial agonist of the platelet collagen receptor glycoprotein VI", Biochem J. 1999 Apr 15;339 (Pt 2):413-8.
	AI	Barany F., "Genetic disease detection and DNA amplification using cloned thermostable ligase", Proc Natl Acad Sci U S A. 1991 Jan 1;88(1):189-93.
	AJ	Barnes MJ et al., "The collagen-platelet interaction", Curr Opin Hematol. 1998 Sep;5(5):314-20.
	AK	Bridson SJ and Watson SP, "Evidence for the involvement of p59fyn and p53/56lyn in collagen receptor signalling in human platelets", Biochem J. 1999 Feb 15;338 (Pt 1):203-9.
	AL	Carlsson LE et al., "Heparin-induced thrombocytopenia: new insights into the impact of the FcγRIIa-R-H131 polymorphism", Blood. 1998 Sep 1;92(5):1526-31.
	AM	Chiang TM and Kang AH, "Isolation and purification of collagen alpha 1(I) receptor from human platelet membrane", J Biol Chem. 1982 Jul 10;257(13):7581-6. Chiang TM et al., "Cloning, characterization, and functional studies of a nonintegrin platelet receptor for type I collagen", J Clin Invest. 1997 Aug; 100(3):514-521.
↓	AN	Clemetson KJ, "Platelet activation: signal transduction via membrane receptors", Thromb Haemost. 1995 Jul;74(1):111-6.

AO	Clemetson JM et al., "The Platelet Collagen Receptor Glycoprotein VI Is a Member of the Immunoglobulin Superfamily Closely Related to Fc α R and the Natural Killer Receptors", J Biol Chem. 1999 Oct 8;274(41):29019-29024.
AP	Clemetson KJ et al., "Characterization of the platelet membrane glycoprotein abnormalities in Bernard-Soulier syndrome and comparison with normal by surface-labeling techniques and high-resolution two-dimensional gel electrophoresis", J Clin Invest. 1982 Aug;70(2):304-11.
AQ	Cotton RG "Current methods of mutation detection", Mutat Res. 1993 Jan;285(1):125-44.
AR	Cotton RG et al., "Reactivity of cytosine and thymine in single-base-pair mismatches with hydroxylamine and osmium tetroxide and its application to the study of mutations", Proc Natl Acad Sci U S A. 1988 Jun;85(12) 4397-401.
AS	Cronin MT et al., "Cystic fibrosis mutation detection by hybridization to light-generated DNA probe arrays", Hum Mutat. 1996;7(3):244-55.
AT	Ezumi Y et al., "Physical and functional association of the Src family kinases Fyn and Lyn with the collagen receptor glycoprotein VI-Fc receptor gamma chain complex on human platelets", J Exp Med. 1998 Jul 20;188(2):267-76.
AU	Gibbins JM et al., "Glycoprotein VI is the collagen receptor in platelets which underlies tyrosine phosphorylation of the Fc receptor gamma-chain", FEBS Lett. 1997 Aug 18;413(2):255-9.
AV	Gibbins JM et al., "The p85 subunit of phosphatidylinositol 3-kinase associates with the Fc receptor gamma-chain and linker for activator of T cells (LAT) in platelets stimulated by collagen and convulxin", J Biol Chem. 1998 Dec 18;273(51):34437-43.
AW	Gibbs RA et al., "Detection of single DNA base differences by competitive oligonucleotide priming", Nucleic Acids Res. 1989 Apr 11;17(7):2437-48.
AX	Handa M et al., "Platelet unresponsiveness to collagen: involvement of glycoprotein Ia-IIa (alpha 2 beta 1 integrin) deficiency associated with a myeloproliferative disorder", Thromb Haemost. 1995 Mar;73(3):521-8.
AY	Hayashi K., "PCR-SSCP: a method for detection of mutations", Genet Anal Tech Appl. 1992 Jun;9(3):73-9.
AZ	Heemskerk JW et al., "Function of glycoprotein VI and integrin alpha2beta1 in the procoagulant response of single, collagen-adherent platelets", Thromb Haemost. 1999 May;81(5):782-92.
BA	Hsu IC et al., "Detection of DNA point mutations with DNA mismatch repair enzymes", Carcinogenesis. 1994 Aug;15(8):1657-62.
BB	Ichinohe T et al., "Collagen-stimulated activation of Syk but not c-Src is severely compromised in human platelets lacking membrane glycoprotein VI", J Biol Chem. 1997 Jan 3;272(1):63-8.
BC	Ichinohe T et al., "Cyclic AMP-insensitive activation of c-Src and Syk protein-tyrosine kinases through platelet membrane glycoprotein VI", J Biol Chem. 1995 Nov 24;270(47):28029-36.
BD	Inoue K et al., "Signal transduction pathways mediated by glycoprotein Ia/IIa in human platelets: comparison with those of glycoprotein VI", Biochem Biophys Res Commun. 1999 Mar 5;256(1):114-20.
BE	Jandrot-Perrus M et al., "Adhesion and activation of human platelets induced by convulxin involve glycoprotein VI and integrin alpha2beta1", J Biol Chem. 1997 Oct 24;272(43):27035-41.
BF	Karlin S, and Altschul SF, "Methods for assessing the statistical significance of molecular sequence features by using general scoring schemes", Proc Natl Acad Sci U S A. 1990 Mar;87(6):2264-8.

	BG	Karlin S and Altschul SF, "Applications and statistics for multiple high-scoring segments in molecular sequences". Proc Natl Acad Sci U S A. 1993 Jun 15;90(12):5873-7.
	BH	Keen J et al., "Rapid detection of single base mismatches as heteroduplexes on Hydrolink gels", Trends Genet. 1991 Jan;7(1):5.
	BI	Kehrel B et al., "Glycoprotein VI is a major collagen receptor for platelet activation: it recognizes the platelet-activating quaternary structure of collagen, whereas CD36, glycoprotein IIb/IIIa, and von Willebrand factor do not", Blood. 1998 Jan 15;91(2):491-9.
	BJ	knight CG et al., "Collagen-platelet interaction: Gly-Pro-Hyp is uniquely specific for platelet Gp VI and mediates platelet activation by collagen", Cardiovasc Res. 1999 Feb;41(2):450-7.
	BK	Kotite NJ and Cunningham LW, "Specific adsorption of a platelet membrane glycoprotein by human insoluble collagen", J Biol Chem. 1986 Jun 25;261(18):8342-7.
	BL	Kozal MJ et al., "Extensive polymorphisms observed in HIV-1 clade B protease gene using high-density oligonucleotide arrays", Nat Med. 1996 Jul;2(7):753-9.
	BM	Laguerre AH et al., "Phosphatidylinositol 3'-kinase and tyrosine-phosphatase activation positively modulate Convulxin-induced platelet activation. Comparison with collagen", FEBS Lett. 1999 Apr 1;448(1):95-100.
	BN	Maliszewski CR et al., "Expression cloning of a human Fc receptor for IgA", J Exp Med. 1990 Dec 1;172(6):1665-72.
	BO	Martin M et al., "Colon-cancer cell variants producing regressive tumors in syngeneic rats, unlike variants yielding progressive tumors, attach to interstitial collagens through integrin alpha2beta1", Int J Cancer. 1996 Mar 15;65(6):796-804.
	BP	Moroi M et al., "A patient with platelets deficient in glycoprotein VI that lack both collagen-induced aggregation and adhesion", J Clin Invest. 1989 Nov;84(5):1440-5.
	BQ	Moroi M et al., "Analysis of platelet adhesion to a collagen-coated surface under flow conditions: the involvement of glycoprotein VI in the platelet adhesion" Blood. 1996 Sep 15;88(6):2081-92.
	BR	Moroi M and Jung SM, "Platelet receptors for collagen", Thromb Haemost 1997 Jul;78(1):439-44.
	BS	Moshfegh K et al., "Association of two silent polymorphisms of platelet glycoprotein Ia/IIa receptor with risk of myocardial infarction: a case-control study", Lancet. 1999 Jan 30;353(9150):351-4.
	BT	Myers RM et al., "Detection of single base substitutions by ribonuclease cleavage at mismatches in RNA:DNA duplexes", Science. 1985 Dec 13;230(4731):1242-6.
	BJ	Nakamura T et al., "Platelet adhesion to native type I collagen fibrils. Role of GPVI in divalent cation-dependent and -independent adhesion and thromboxane A2 generation", J Biol Chem. 1998 Feb 20;273(8):4338-44.
	BV	Nielsen H et al., "Identification of prokaryotic and eukaryotic signal peptides and prediction of their cleavage sites", Protein Eng. 1997 Jan;10(1):1-6.
	BW	Orita M et al., "Detection of polymorphisms of human DNA by gel electrophoresis as single-strand conformation polymorphisms", Proc Natl Acad Sci U S A. 1989 Apr;86(8):2766-70.
	B*	Pearson WR and Lipman DJ, "Improved tools for biological sequence comparison", Proc Natl Acad Sci U S A. 1988 Apr;85(8):2444-8.
✓	B*	Pfam: http://pfam.wustl.edu Accession No. PF00047 "Immunoglobulin domain" (Bateman A and Sonnhammer ELL)

BZ	Phillips DR and Agin PP, "Platelet plasma membrane glycoproteins. Evidence for the presence of nonequivalent disulfide bonds using nonreduced-reduced two-dimensional gel electrophoresis", J Biol Chem. 1977 Mar 25;252(6):2121-6.
CA	Polgar J et al., "Platelet activation and signal transduction by convulxin, a C-type lectin from Crotalus durissus terrificus (tropical rattlesnake) venom via the p62/GPVI collagen receptor", J Biol Chem. 1997 May 23;272(21):13576-83.
CB	Poole A et al., "The Fc receptor gamma-chain and the tyrosine kinase Syk are essential for activation of mouse platelets by collagen", EMBO J. 1997 May 1;16(9):2333-41.
CC	Quek LS et al., "A role for Bruton's tyrosine kinase (Btk) in platelet activation by collagen", Curr Biol. 1998 Oct 8;8(20):1137-40.
CD	Rosenbaum V and Riesner D, "Temperature-gradient gel electrophoresis. Thermodynamic analysis of nucleic acids and proteins in purified form and in cellular extracts", Biophys Chem. 1987 May 9;26(2-3):235-46.
CE	Ryo R et al., "Deficiency of P62, a putative collagen receptor, in platelets from a patient with defective collagen-induced platelet aggregation", Am J Hematol. 1992 Jan;39(1):25-31.
CF	Saiki RK et al., "Analysis of enzymatically amplified beta-globin and HLA-DQ alpha DNA with allele-specific oligonucleotide probes", Nature. 1986 Nov 13-19;324(6093):163-6.
CG	Saiki RK et al., "Genetic analysis of amplified DNA with immobilized sequence-specific oligonucleotide probes", Proc Natl Acad Sci U S A. 1989 Aug;86(16):6230-4.
CH	Saleeba JA and Cotton RG, "Chemical cleavage of mismatch to detect mutations", Methods Enzymol. 1993;217:286-95.
CI	Sugiyama T et al., "A novel platelet aggregating factor found in a patient with defective collagen-induced platelet aggregation and autoimmune thrombocytopenia", Blood 1987 Jun;69(6):1712-20.
CJ	Takahashi H et al., "Platelet membrane glycoprotein VI (GPVI) is necessary for collagen-induced aggregation and adhesion and anti-GP VI antibody induces platelet aggregation: An evidence obtained from a patient with systemic lupus erythematosus", Thromb Haemostas. 1995; 73:1197 (Abstract)
CK	Torelli A and Robotti CA, "ADVANCE and ADAM: two algorithms for the analysis of global similarity between homologous informational sequences. Comput Appl Biosci. 1994 Feb;10(1):3-5.
CL	Tsuji M et al., "A novel association of Fc receptor gamma-chain with glycoprotein VI and their co-expression as a collagen receptor in human platelets", J Biol Chem. 1997 Sep 19;272(38):23528-31.
CM	Verkleij MW et al., "Simple collagen-like peptides support platelet adhesion under static but not under flow conditions: interaction via alpha2 beta1 and von Willebrand factor with specific sequences in native collagen is a requirement to resist shear forces", Blood. 1998 May 15;91(10):3808-16.
CN	www.ncbi.nlm.nih.gov Genbank Accession No. AA494446 "ne38a02.s1 NCI_CGAP_Co3 Homo sapiens cDNA clone IMAGE:899594 3', mRNA sequence" (NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap)
CO	www.ncbi.nlm.nih.gov Genbank Accession No. AA308708 "EST179519 HCC cell line (matatasis to liver in mouse) II Homo sapiens cDNA 5' end similar to EST containing Alu repeat, mRNA sequence" (Adams, M.D. et al.)

	CP	www.ncbi.nlm.nih.gov Genbank Accession No. U91928 "Human clone HL9 monocyte inhibitory receptor precursor mRNA, complete cds" (Arm, J.P.) <i>Sept 1997</i>
	CQ	Ishibashi T et al., 1993, "Purification of p62, a putative platelet collagen receptor, and its functional significance in collagen-induced platelet aggregation", XIVth Congress of the International Society on Thrombosis and Haemostasis, New York Thrombosis and Haemostasis. Abstract No. 1638.
	CR	Ishibashi T et al., 1995, "Functional significance of platelet membrane glycoprotein p62 (GP VI), a putative collagen receptor", Int J Hematol. 62(2):107-15.
	CS	Sugiyama T et al., 1993, "Functional role of the antigen recognized by an antiplatelet antibody specific for a putative collagen receptor in platelet-collagen interaction", Int J Hematol. 58(1-2):99-104.
<i>✓</i>	CT	Sixma J.J. et al., "1995, "Platelet Adhesion to Collagen", Thrombosis and Haemostasis 74(1):454-459

EXAMINER <i>John S. Lee</i>	DATE CONSIDERED <i>2/13/02</i>
-----------------------------	--------------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with **MPEP 609**; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.